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TO : The Files - Contract 605, T.O. 3

DATE: 30 January 1959

FROM :

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SUBJECT: Conference Report - ELINT Antennas

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1. On 28 January 1959 a conference was held in Alcott Hall with representatives of  to discuss progress on Contract 605, Task Order 3. Those present at the conference were:

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2. This task, covering the development of broadband antennas, filters, and detectors for the 50 to 40,000 megacycle range is through the study phase. A report covering the study phase and recommendations by Collins will be delivered in one to two weeks.

3. For frequencies less than 500 megacycles a log periodic antenna will be used. From .5 to 10 kmc, a printed circuit log periodic antenna will be used. From 10 to 40 kmc an electromagnetic horn will be used.

4. A search of commercially available filters and detectors indicates that a sufficient variety is available to meet requirements.

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